

# (12) International Application Status Report

**Received at International Bureau:** 14 August 2019 (14.08.2019)

**Information valid as of:** 25 January 2021 (25.01.2021)

**Report generated on:** 11 December 2022 (11.12.2022)

**(10) Publication number:**

WO2021/022510

**(43) Publication date:**

11 February 2021 (11.02.2021)

**(26) Publication language:**

English (EN)

**(21) Application Number:**

PCT/CN2019/099590

**(22) Filing Date:**

07 August 2019 (07.08.2019)

**(25) Filing language:**

English (EN)

**(51) International Patent Classification:**

**A61B 18/12** (2006.01); **A61B 18/00** (2006.01)

**(71) Applicant(s):**

COVIDIEN LP [US/US]; 15 Hampshire Street Mansfield, Massachusetts 02048 (US) (*for all designated states*)

MA, Tingting [CN/CN]; 6F, Building 3, No. 2388 Chen Hang Road, Minhang District Shanghai 201114 (CN) (*MG only*)

**(72) Inventor(s):**

MA, Tingting; 6F, Building 3, No. 2388 Chen Hang Road, Minhang District Shanghai 201114 (CN)

MAO, Jianguo; 6F, Building 3, No. 2388 Chen Hang Road, Minhang District Shanghai 201114 (CN)

LIU, Yanan; 6F, Building 3, No. 2388 Chen Hang Road, Minhang District Shanghai 201114 (CN)

ZHU, Jun; 6F, Building 3, No. 2388 Chen Hang Road, Minhang District Shanghai 201114 (CN)

YUAN, Dan; 6F, Building 3, No. 2388 Chen Hang Road, Minhang District Shanghai 201114 (CN)

**(74) Agent(s):**

CCPIT PATENT AND TRADEMARK LAW OFFICE; 8th Floor, Vantone New World Plaza 2 Fuchengmenwai Street, Xicheng District Beijing 100037 (CN)

**(54) Title (EN):** ELECTROSURGICAL SYSTEMS

**(54) Title (FR):** SYSTÈMES ÉLECTROCHIRURGICAUX

**(57) Abstract:**

**(EN):** An electrosurgical system (10) includes an electrosurgical instrument (16) coupled to a gas control unit (14). The gas control unit (14) supplies a preset flow rate of gas to the electrosurgical instrument (16) for displacing surgical smoke and/or blood from a surgical site. A vent tube may be coupled to the gas control unit (14) for regulating a pressure within the surgical site.

**(FR):** Un système électrochirurgical (10) comprend un instrument électrochirurgical (16) couplé à une unité de commande de gaz (14). L'unité de commande de gaz (14) fournit un débit prédéfini de gaz à l'instrument électrochirurgical (16) pour déplacer la fumée chirurgicale et/ou le sang d'un site chirurgical. Un tube d'évent peut être couplé à l'unité de commande de gaz pour réguler une pression à l'intérieur du site chirurgical.

**International search report:**

Received at International Bureau: 26 April 2020 (26.04.2020) [CN]

**International Report on Patentability (IPRP) Chapter II of the PCT:**

Not available

**(81) Designated States:**

AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

European Patent Office (EPO) : AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR

African Intellectual Property Organization (OAPI) : BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG  
African Regional Intellectual Property Organization (ARIPO) : BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ,  
TZ, UG, ZM, ZW  
Eurasian Patent Organization (EAPO) : AM, AZ, BY, KG, KZ, RU, TJ, TM